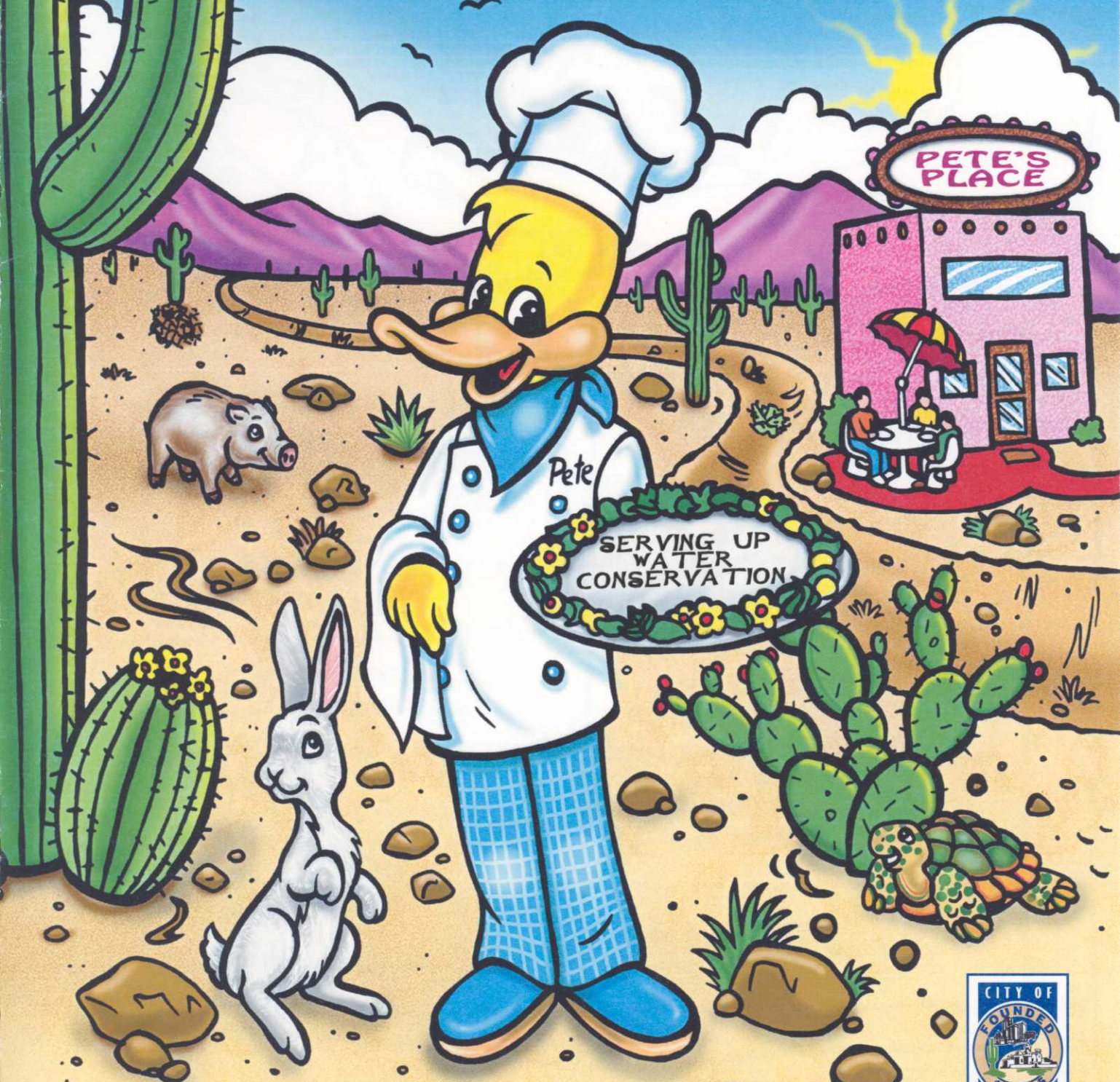
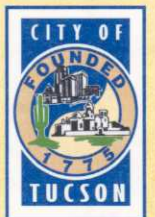


# BEAT THE PEAK


SUMMER 2003



ACTIVITY BOOK







HEY KIDS!  
CHECK OUT WHAT'S HOT  
ON MY SUMMERTIME MENU.  
PETE'S PLACE IS COMMITTED  
TO CONSERVING DESERT  
RESOURCES.

Here in the Sonoran Desert  
water is in low supply. Water  
demands increase every day.

People use water for bathing,  
watering plants, washing dishes  
and for swimming. Water is very  
important to all of us.

Desert plants and animals live  
well in this dry environment by  
using less water or by storing  
water for the future. People can  
also live well by using water  
wisely and conserving water for  
the future.

Join me this summer in serving  
up water conservation!

*Chef Pete*  
Bon Appetit!

## SUMMERTIME SPECIAL WATER CONSERVATION

### STARTERS

Sonoran Desert Ecosystem

### MAIN COURSE

Water Conservation

### DESSERT

You can help conserve water

### BEVERAGE

Cool, refreshing water

# SONORAN DESERT DWELLERS

COLORING PAGE



Groundwater - water found below ground in an aquifer

# HELP!

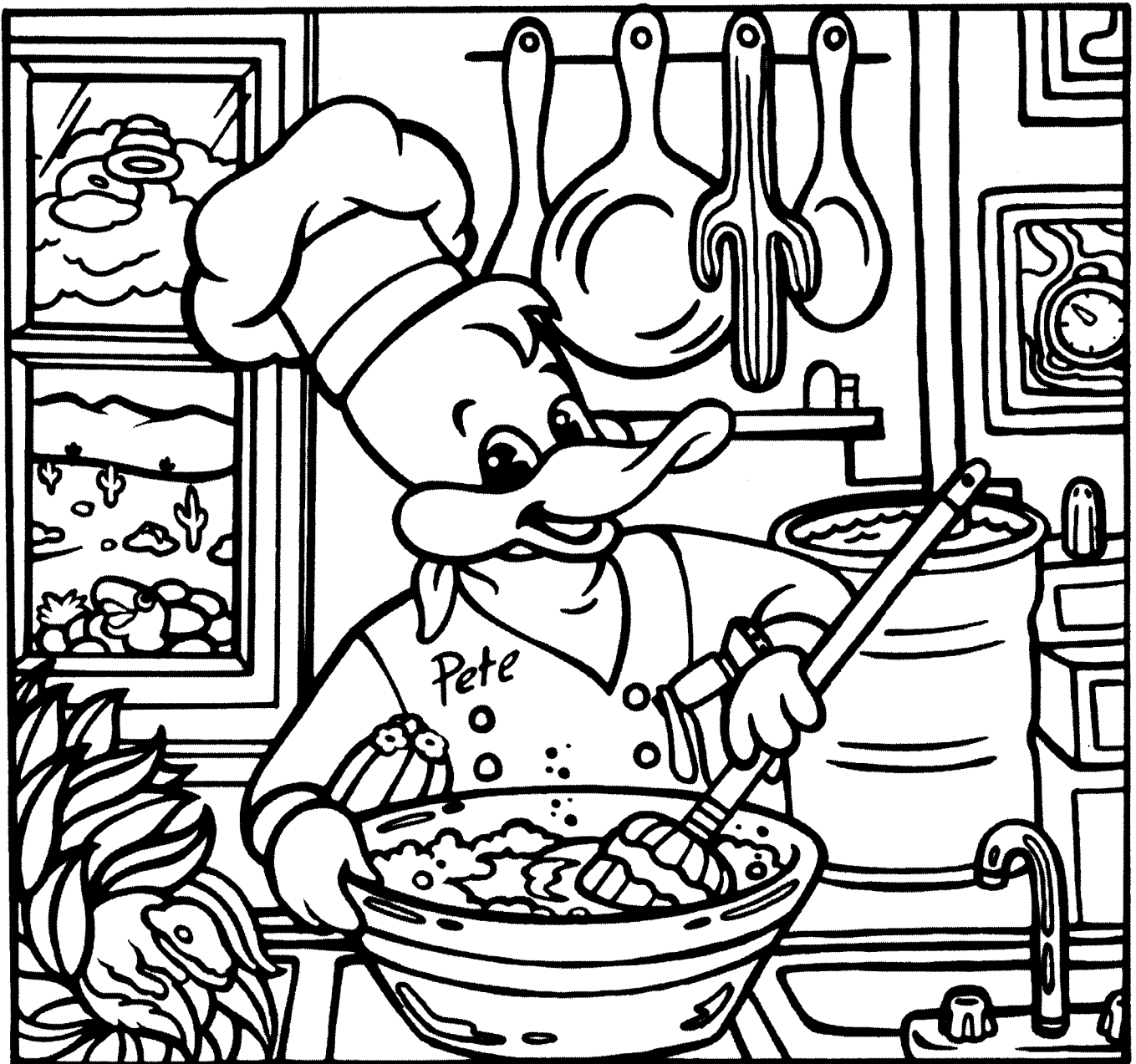
I have misplaced ingredients needed for my summertime special. Can you find them?

Circle each water-conserving item.

Low - flow toilet  
Water tank  
No - drip faucet

Saguaro  
Barrel cactus  
Desert tortoise  
Kangaroo rat

Spray nozzle  
Shower timer  
Broom



# MAKE THE CONNECTION FOR WATER CONSERVATION

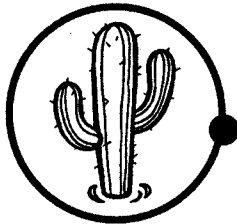
Desert plants and animals are water smart! Let's learn from them.

Draw lines to connect shared ways of saving water.

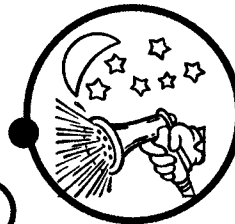
Correct connections pass through a circled letter.

To find out Chef Pete's message, write each letter in its numbered blank below.

1. SAGUAROS store rainwater for dry periods.

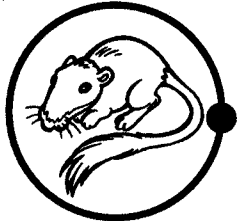


A

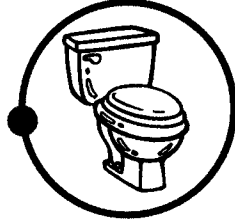


WATERING AT NIGHT reduces water loss from evaporation.

2. KANGAROO RATS are active at night, which reduces water loss from evaporation.

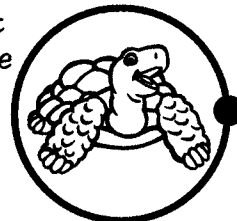


W

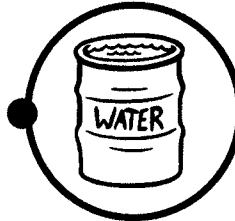


LOW - FLOW TOILETS require very little water.

3. DESERT TORTOISES do not need water. They get moisture from plants they eat.



R

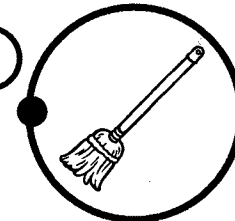


WATER TANKS store rainwater for dry periods, for families to water plants with.

4. SPADEFOOT TOAD tadpoles grow fast and use water only for a short period.

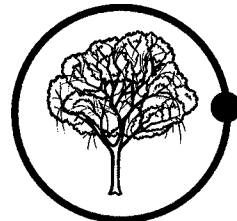


T



BROOMS do not need water. Clean walkways with a broom instead of a hose.

5. PALO VERDE TREES require very little water.



E



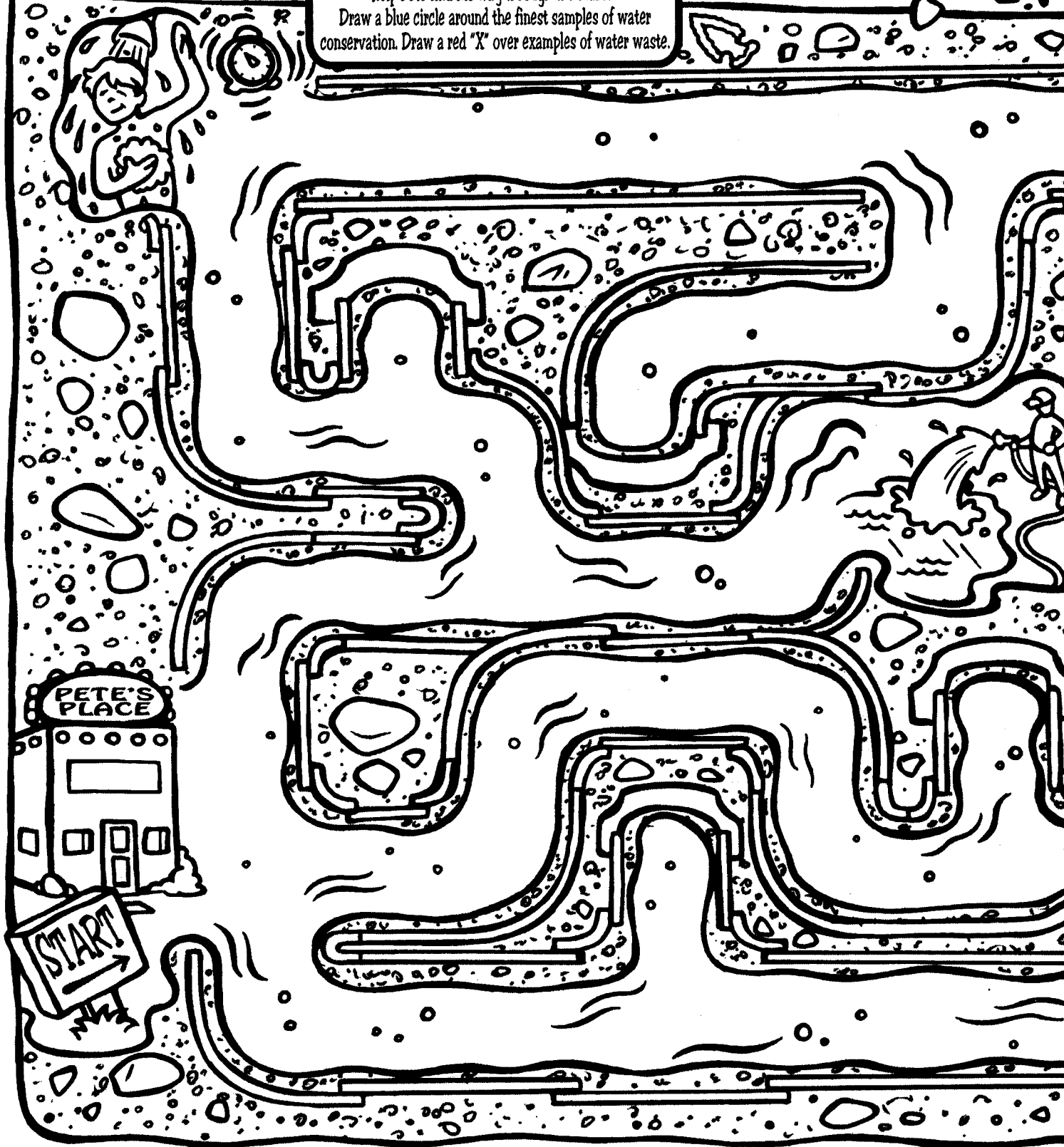
SHOWER TIMERS remind you to shower fast and use water only for a short period.

Conserve 1 2 3 4 5 for the future!

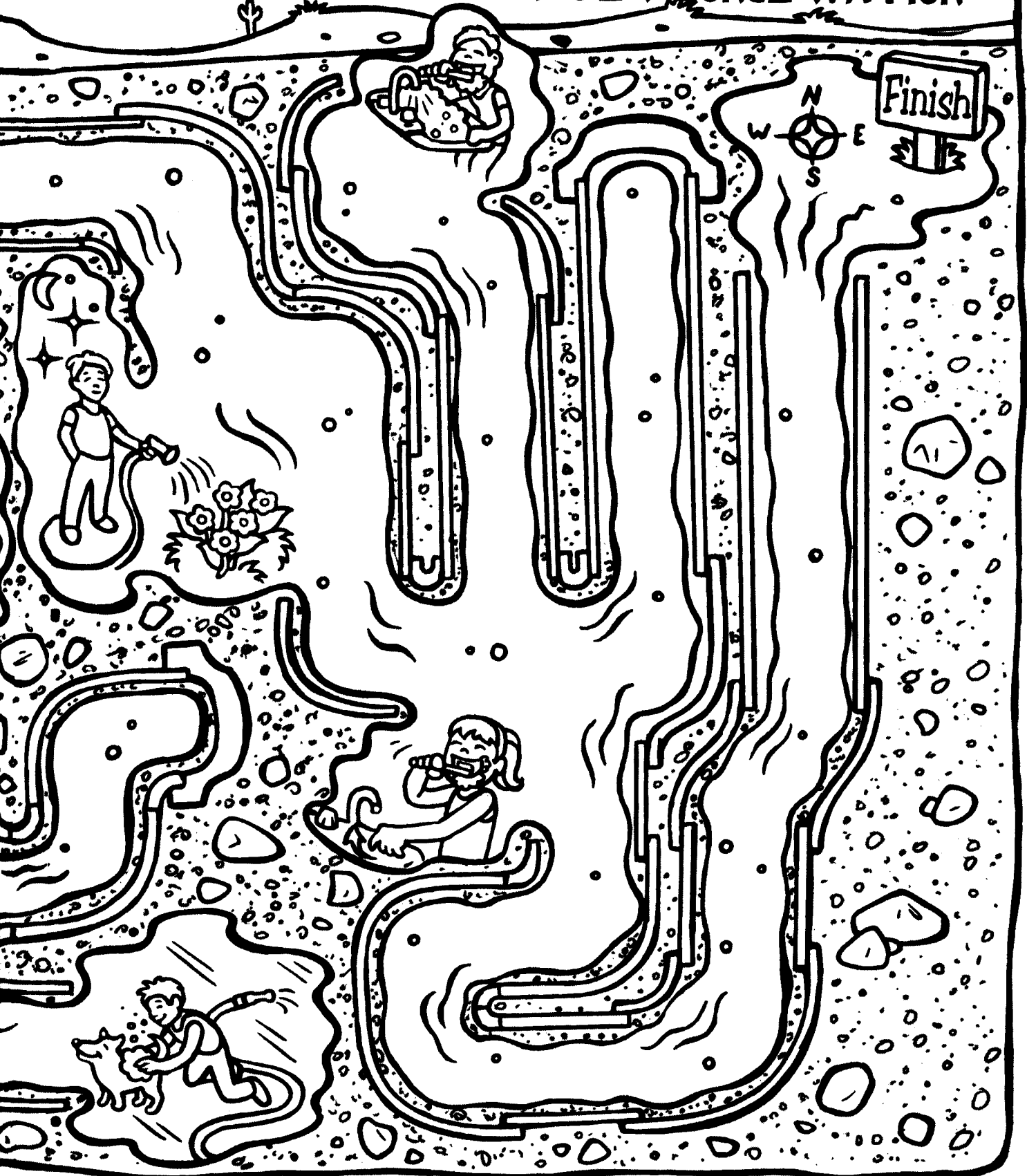
Desert - an ecosystem that receives very little rainfall

# CHEF PETE SEARCHES THE TUCSON BASIN FOR T

Help Pete find his way through the maze.  
Draw a blue circle around the finest samples of water  
conservation. Draw a red "X" over examples of water waste.



# THE FINEST SAMPLES OF WATER CONSERVATION!



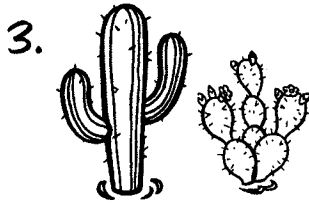
Monsoon - seasonal wind shift that brings in moist air and increases rainfall in the Southwest

# PETE'S PICTURE CROSSWORD

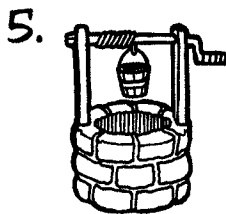
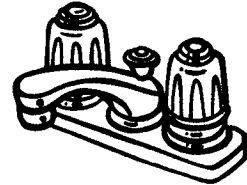
To complete this crossword, enter the name of each picture in its numbered place on page 8. Some hints are given!

ACROSS

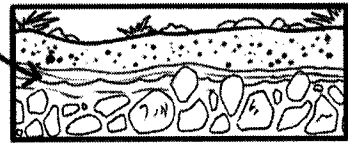
DOWN



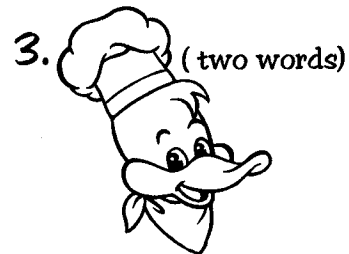
1. Fix your \_\_\_\_\_  
if it drips.



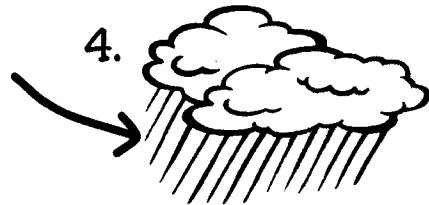
2. Tucson uses \_\_\_\_\_



6. A Shower \_\_\_\_\_



7. The city of \_\_\_\_\_



9. Sweep away patio dirt  
with a \_\_\_\_\_

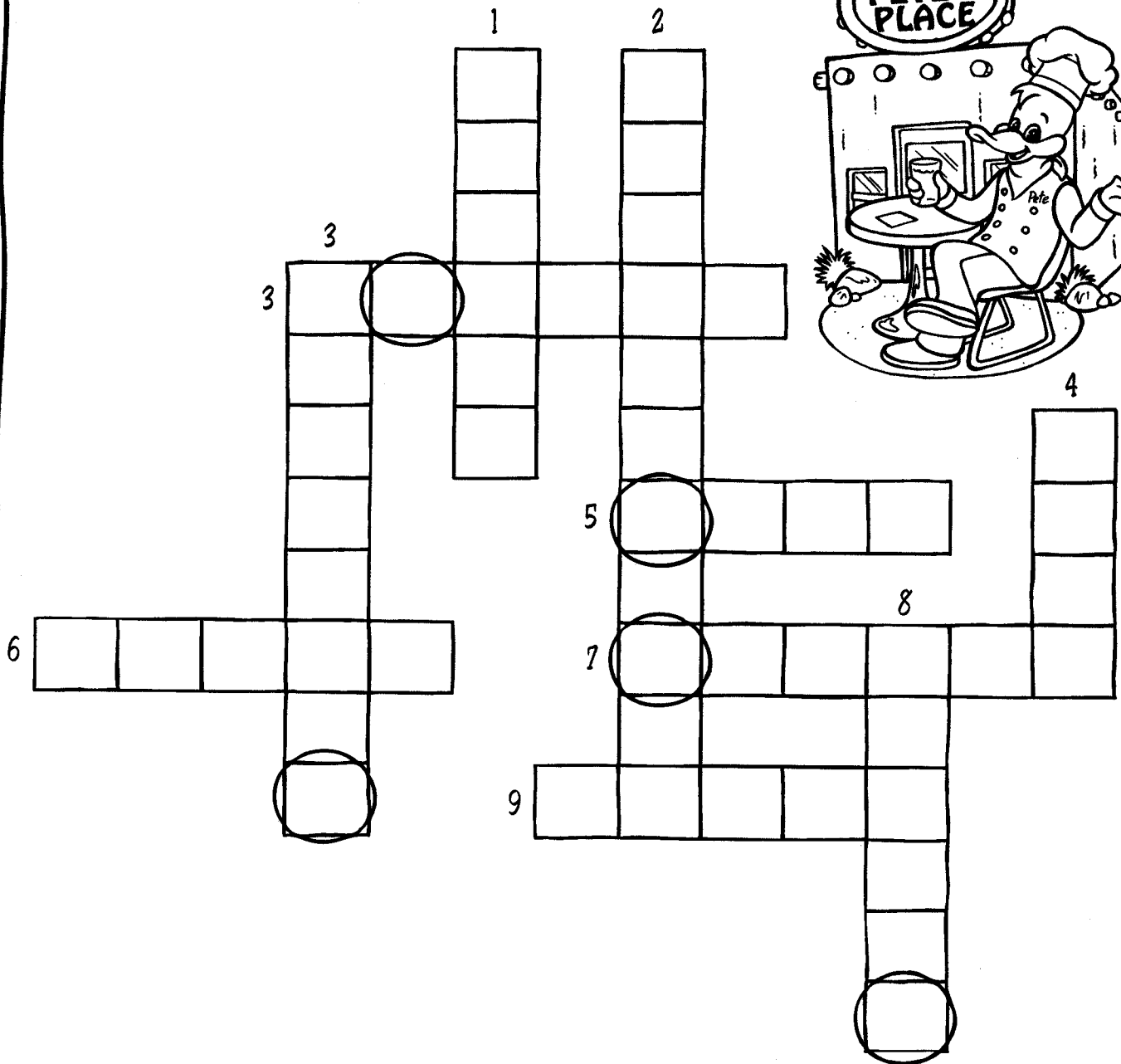


8. \_\_\_\_\_ time!





# PETE'S CROSSWORD PUZZLE



JUMBLE - Write the circled crossword letters below in any order.

\_\_\_\_\_

Unscramble the circled letters to discover Pete's specialty.

SERVING UP \_\_\_\_\_ CONSERVATION!

Water table - the upper limit of groundwater

# CHEF PETE'S FAMILY FEAST

Are you still hungry for more  
water saving information?  
Then visit these places of  
water conservation!



**SWEETWATER WETLANDS:** These wetlands are located just off Prince Road, west of I-10, on the east bank of the Santa Cruz River. The City of Tucson created these artificial wetlands to help clean up wastewater. Treated water is released here, to be further purified by natural processes. The wetlands provide good wildlife habitat - a great way to reuse water in our desert environment.

**ARIZONA - SONORA DESERT MUSEUM:** 2021 North Kinney Road. Drive west on Speedway, through Gates Pass, then right on Kinney Road. This renowned zoo, natural history museum and botanical garden features exhibits and interpretive signage describing the importance of water conservation in the Sonoran Desert. You can learn more water saving tips.

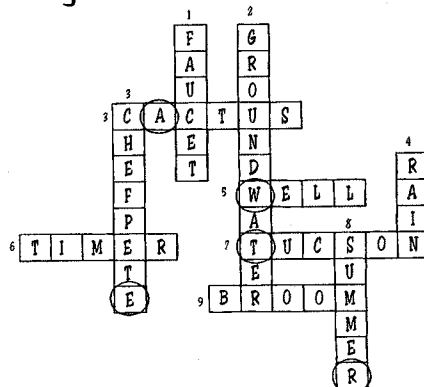
**TUCSON BOTANICAL GARDENS:** 2150 North Alvernon Way, between Grant Road and Pima Street. Tucson Botanical Gardens offers specialty gardens including a Xeriscape Garden. Learn how to "garden in style" without lots of water. Discover ways to design water - saving landscapes with native desert plants and proper irrigation methods.

## ANSWER KEY

Page 3: Misplaced ingredients.



Page 8: Pete's Picture Crossword.



Page 4: Conserve W A T E R for the future!



Page 8: JUMBLE - Serving up W A T E R conservation!

# CHEF PETE SHARES HIS WATER SAVING TIPS.



Enjoy these famous recipes.  
Cut out and post in  
the best place, to remind you  
and your family to reduce  
water waste!

## KITCHEN

- Turn the faucet off while washing dishes.
- Use water wisely while rinsing dishes.
- Operate a dishwasher only with a full load.
- Ask an adult to repair any leaky faucets.

## BATHROOM

- Take short showers of 5 minutes or less.
- Turn the faucet off while brushing your teeth.
- Ask an adult about checking the toilet tank for leaks.
- Ask an adult about installing a low-water-use toilet.

## COMMUNITY

- Talk with neighbors about how to conserve water.
- Use a bucket of water, instead of running the hose, to wash a car or pet.
- Use a broom, instead of the hose, to clean patios or walkways.
- Convert community fountains into interesting planter boxes.

## YARD

- Landscape with native desert plants.
- Water plants during the night or early morning.
- Direct rain runoff toward trees and shrubs.
- Collect rainwater in a tank to water plants during dry periods.



